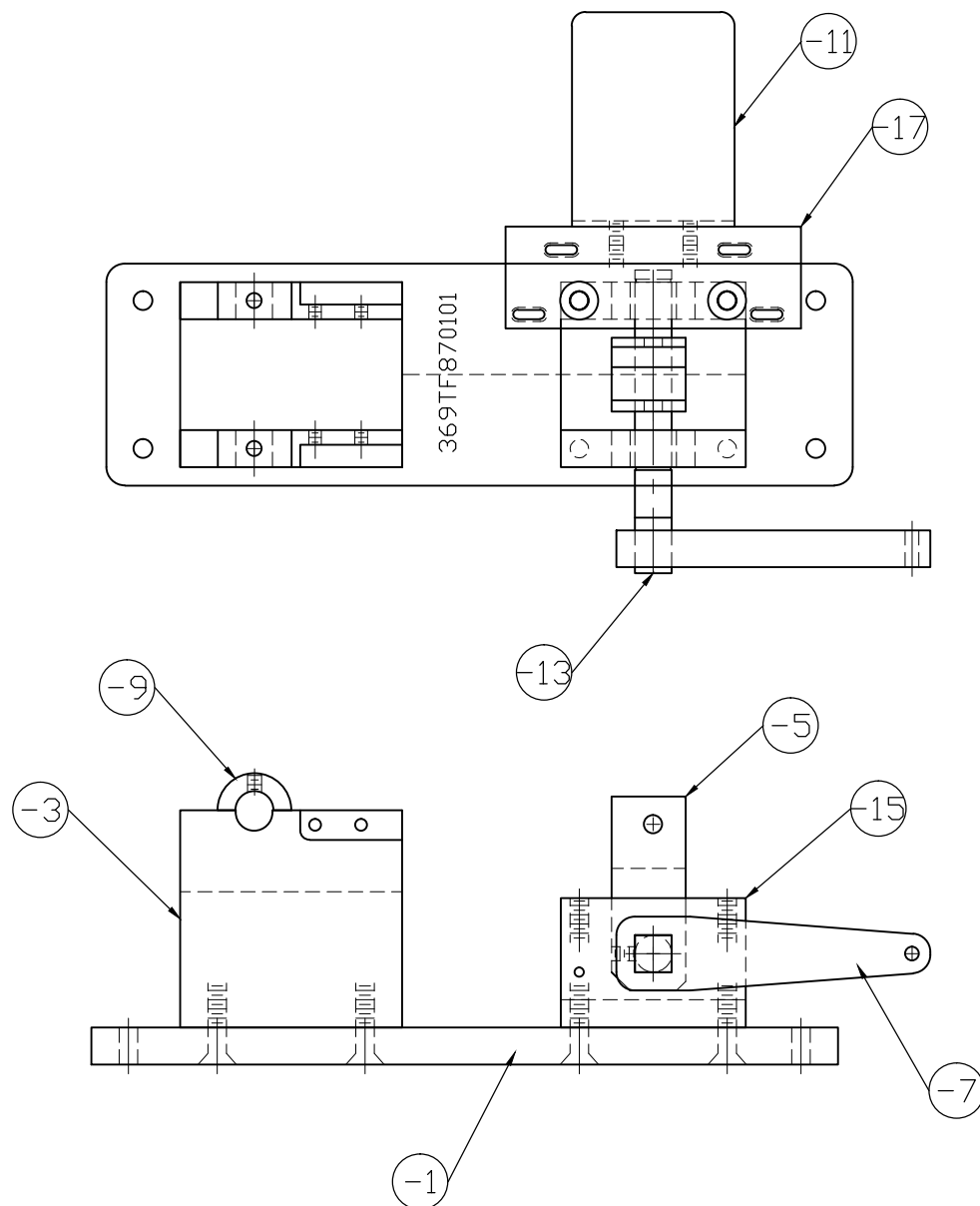


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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	ADDED ASSY VIEW, MOVED P/N'S -9, -11, -13, -15, -17, WEIGHTS TO DIFFERENT SHEETS FOR CLARITY, CH'D TITLEBLOCK & REVISION BLOCK, ADDED MATERIAL & FINISH TO -19 & -21.	6/16/09	RJC	
1A	ADDED P/N -23 TO BOM AND ADDED DIMENSIONS TO P/N -23.	10/14/09	RJC	RW



RED BARN MACHINE	
TITLE ONE-WAY LOCK FIXTURE	
DWG NO. 369TF870101	REV 1A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON:	DRAWN BY: COLE
DECIMALS	APPROVED
.XXX ± .005	HEAT
XX ± .01	TREAT
X ± .1	FINISH
FRACTIONS ± 1/32	SPEC
ANGLES ± 5°	
UNLESS OTHERWISE SPECIFIED	
1. BREAK ALL SHARP EDGES	
.015 x 45° PR .015 R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE NTS	DATE 4-2-02
SHEET 1 of 8	

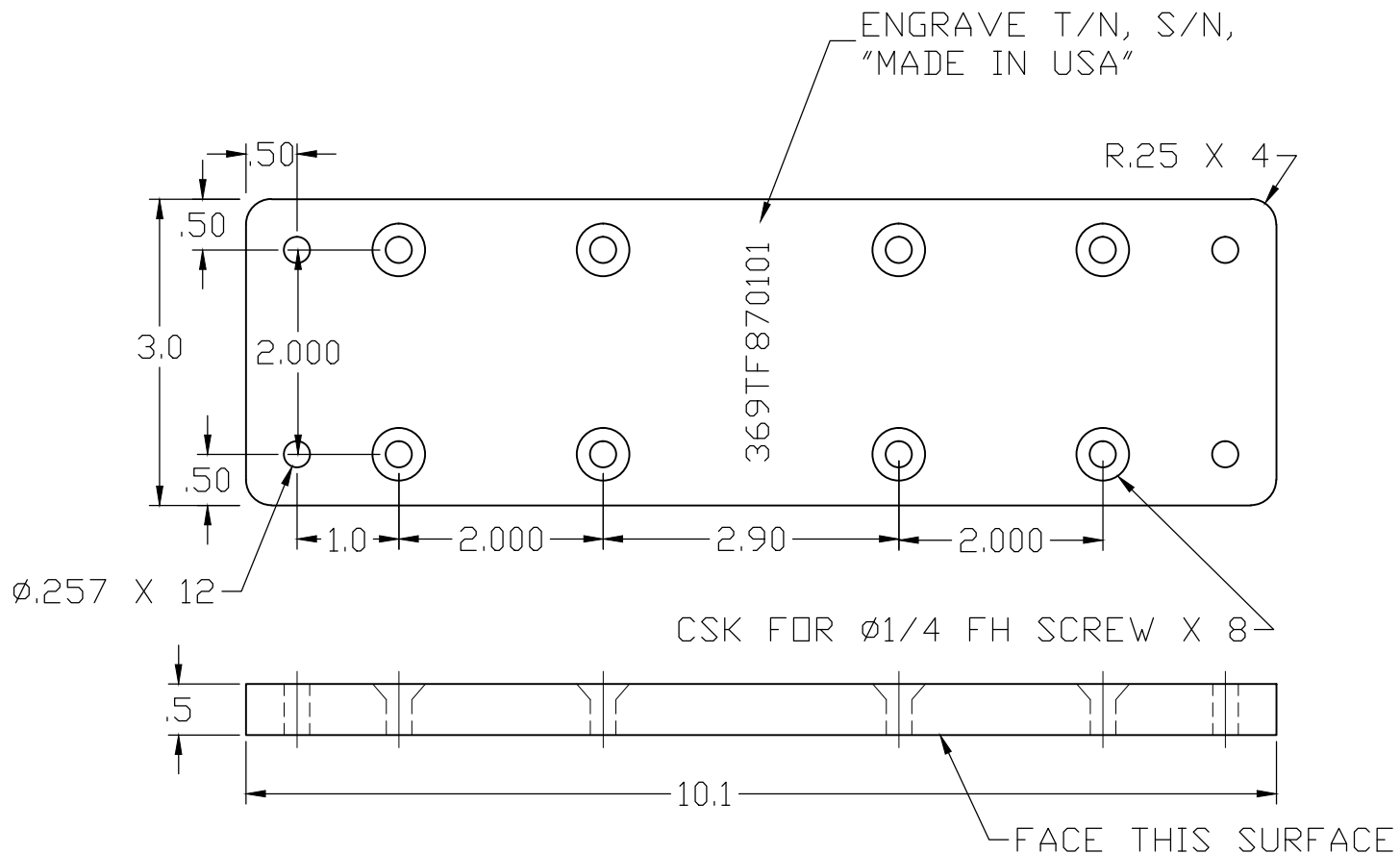
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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	ADDED ASSY VIEW, MOVED P/N'S -9, -11, -13, -15, -17, WEIGHTS TO DIFFERENT SHEETS FOR CLARITY, CH'D TITLEBLOCK & REVISION BLOCK, ADDED MATERIAL & FINISH TO -19 & -21	6/16/09	RJC	-
1A	ADDED P/N -23 TO BOM AND ADDED DIMENSIONS TO P/N -23.	10/14/09	RJC	


ASSY QTY	ASSY QTY	B/D	PART #	UNIT QTY	DESCRIPTION	MATERIAL	B/D INFORMATION OR SPECIFICATIONS	Pg.
			-1	1	BASE	6061	1/2 x 3 x 10-1/4	3
			-3	1	BLOCK	6061	3 x 2.5 x 3	4
			-5	1	LINK	6061	1 x 1 x 2.63	4
			-7	1	SHORT BAR	STEEL	1-1/2 x 1/2 x 4-1/4	5
			-9	1	CLAMP	BRASS	Ø1 x 1/2	5
			-11	2	TIMER BRACKET	ALUMINUM	.08 x 2-1/4 x 3-1/2	5
			-13	1	SHAFT	STEEL	1/2 SQ. BAR x 4-1/8	6
			-15	1	BEARING BLOCK	6061	2 x 2-3/4 x 2-3/4	6
			-17	1	SWITCH BAR	6061	1-3/8 x 1/2 x 4	7
			-19	1	4# WEIGHT	1018	Ø2 x 4-1/2	8
			-21	1	3-1/2# WEIGHT	1018	Ø2 x 4	8
			-23	1	WIRE EYE	S.S.	Ø1/8 x 6	8
		B/D		1	QUICK PIN	-	Ø1/4 x 1 WITH RING	
		B/D		2	TOGGLE CLAMPS	-	STRAIGHT BASE (DESTACO #201B OR EQUIV.)	
		B/D		1	STOPWATCH	-	(USED SPORLINE 240)	
		B/D		2	LIMIT SWITCH	-	LEVER ACTUATOR (GC #35-880 @ NORVAC OR EQUIV.)	
		B/D		4	SOCKET CAP SCREW	-	4-40 x 3/4	
		B/D		4	HEX NUT	-	4-40	
		B/D		2	FERRULES	-	FOR GREEN COATED CABLE (TO RETAIN QUICK PIN)	
		B/D		4	SOCKET CAP OR SOCKET BUTTON HEAD	-	8-32 UNC x 3/8	
		B/D		2	SET SCREW	-	10-24 UNC x 3/8	
		B/D		2	BUTTON HEAD	-	10-24 UNC x 1/2 (PLASTIC IF AVAILABLE)	
		B/D		4	SOCKET CAP OR SOCKET BUTTON HEAD	-	10-24 UNC x 1	
		B/D		1	FLAT HEAD	-	10-32 UNF x 5/8	
		B/D		10	FLAT HEAD SCREWS	-	1/4-20 UNC x 1	
		B/D		2	RETAINING RING	-	EXTERNAL Ø1/2	
		B/D		2	BEARING	R-8	Ø1/2 ID	
		B/D		1	SET SCREW	-	3/8-16 UNC x 7/8 (1 OKAY)	
		B/D		1	HEX BOLT	S.S.	3/8-16 UNC x 3/4	
ASSY #								

 RED BARN MACHINE

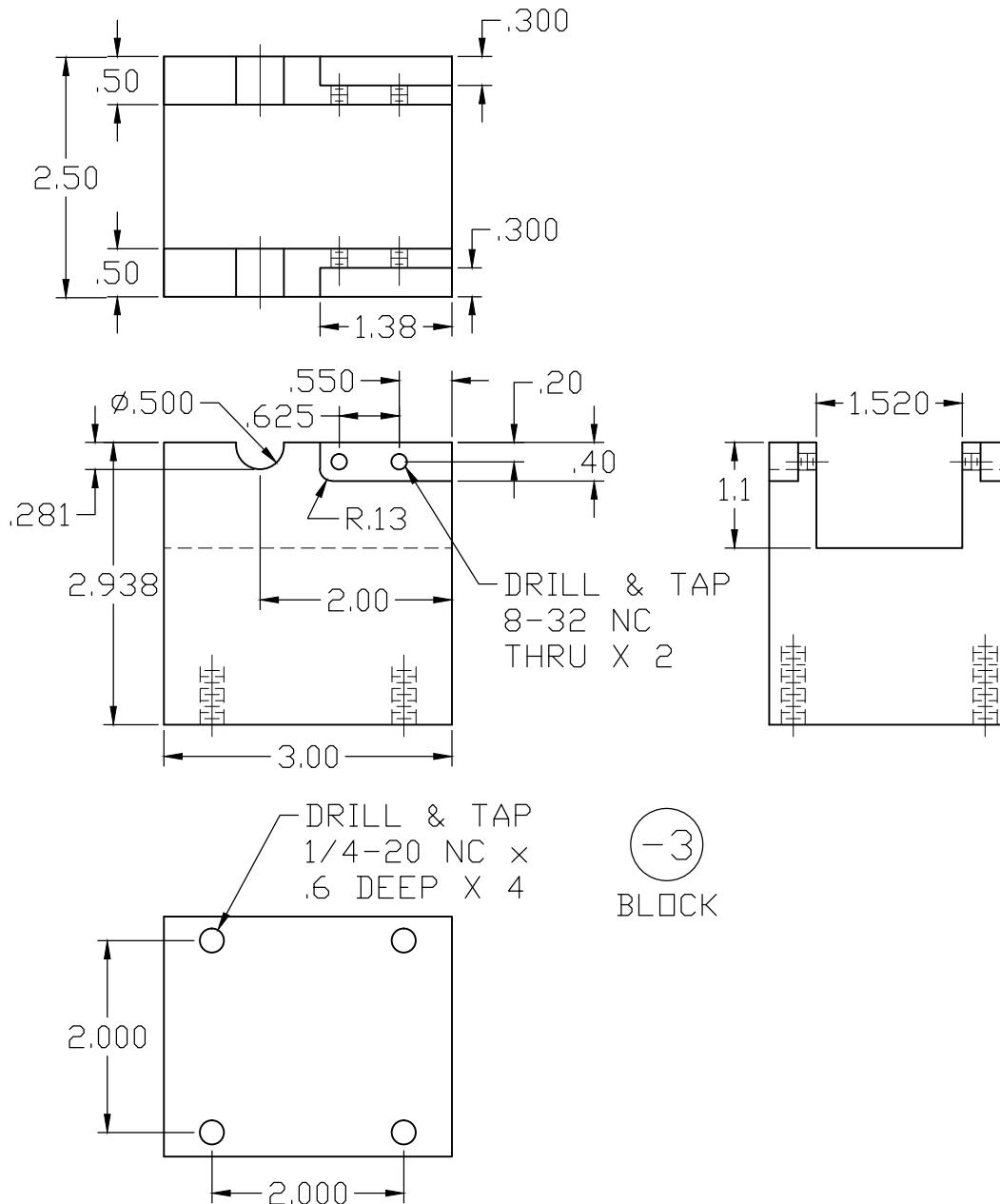
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DWG NO.	369TF870101		REV 1A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY: COLE	
TOLERANCES ON:		APPROVED	
DECIMALS		HEAT	
XXX ± .005		TREAT	
XX ± .01		FINISH	
X ± .1		SPEC	
FRACTIONS ± 1/32		USED ON MODEL	
ANGLES ± 5°		MD-500	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R		PART #369A7010-501	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING			
SCALE	NTS	DATE	4-2-02
		SHEET	2 of 8



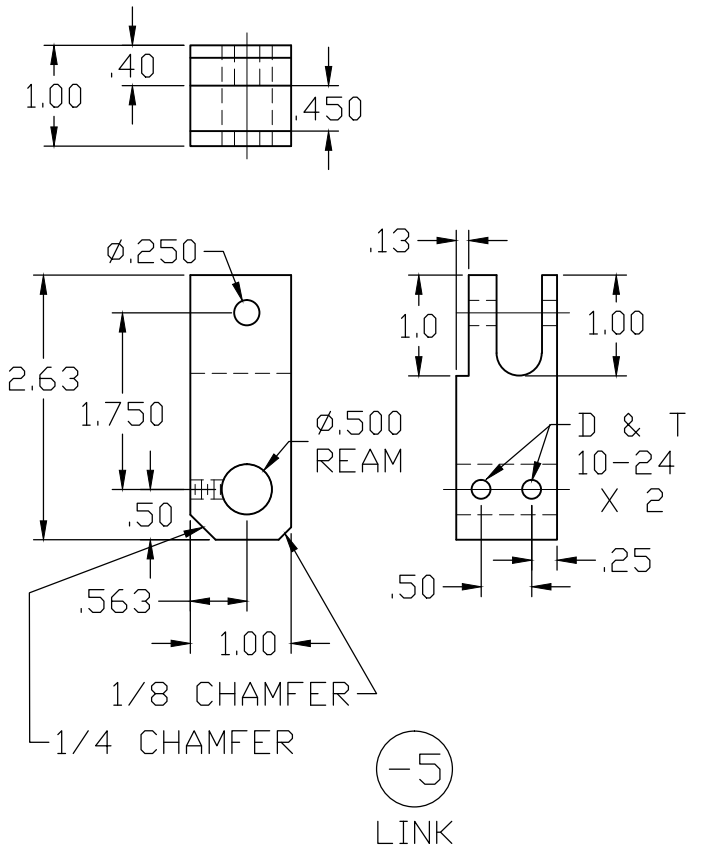
BASE

 RED BARN MACHINE	
TITLE ONE-WAY LOCK FIXTURE	
DWG NO. 369TF870101-1	REV 1A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/32 ANGLES ± 5°	DRAWN BY: COLE APPROVED HEAT TREAT FINISH ANODIZE BLACK SPEC
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 × 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL MD-500 PART #369A7010-S01
SCALE NTS	DATE 3-28-02
SHEET 3 of 8	

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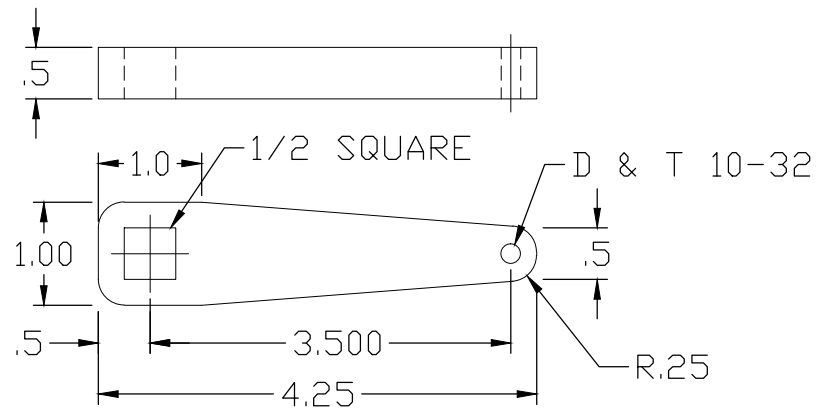
-3
BLOCK



-5
LINK

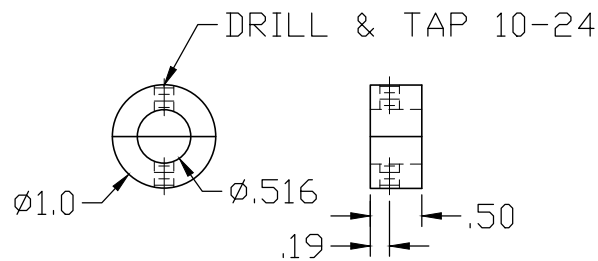
RED BARN MACHINE			
TITLE ONE-WAY LOCK FIXTURE			
DWG NO. 369TF870101-3 & -5			REV 1A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY: COLE	
TOLERANCES ON:		APPROVED	
DECIMALS		HEAT TREAT	
.XXX ± .005		FINISH ANODIZE BLACK	
XX ± .01		USED ON MODEL	
X ± .1		MD-500	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		PART #369A7010-501	
SCALE NTS	DATE 4-2-02	SHEET 4 of 8	

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(-7)

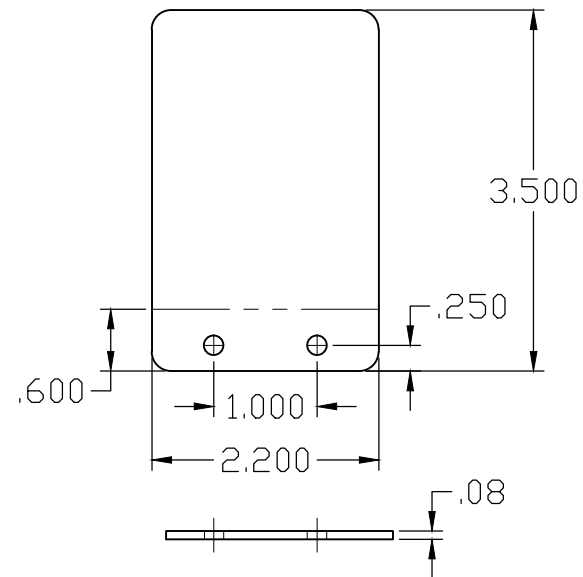
SHORT BAR
BLACK OXIDE



(-9)

CLAMP

SAW IN HALF AFTER MACHINING



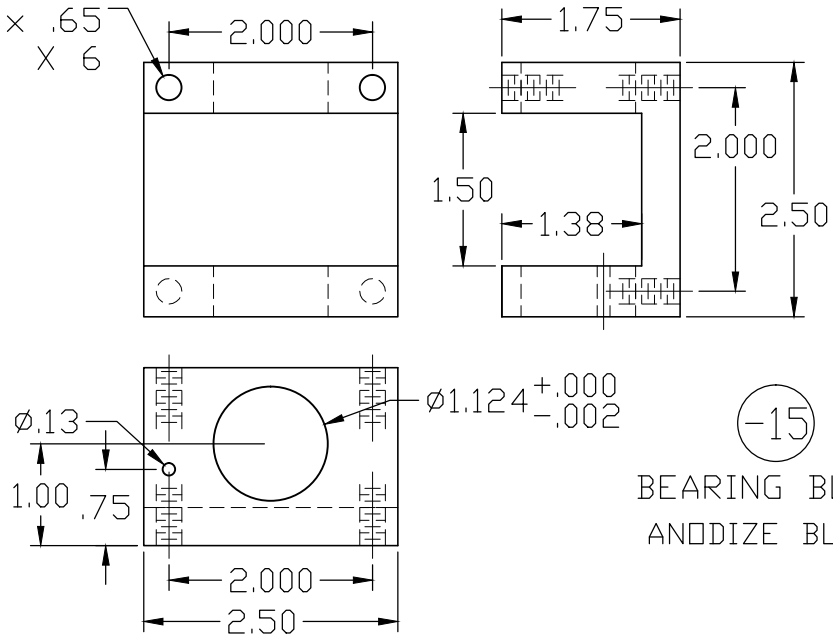
(-11)

TIMER BRACKET
ANODIZE BLACK

RED BARN MACHINE	
TITLE ONE-WAY LOCK FIXTURE	
DWG NO. 369TF870101-7 thru -11	REV 1A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON:	DRAWN BY: COLE
DECIMALS	APPROVED
.XXX ± .005	HEAT TREAT
XX ± .01	FINISH SEE PART
X ± .1	USED ON MODEL
UNLESS OTHERWISE SPECIFIED	
1. BREAK ALL SHARP EDGES	
.015 x 45° PR .015 R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE NTS	DATE 3-13-02
SHEET 5 of 8	

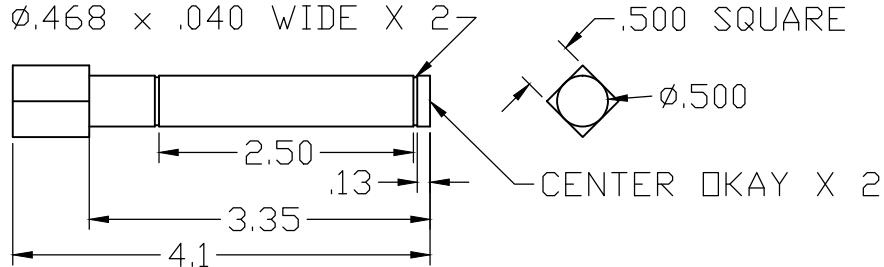
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DRILL & TAP
1/4-20 x .65
X 6



BEARING BLOCK
ANODIZE BLACK

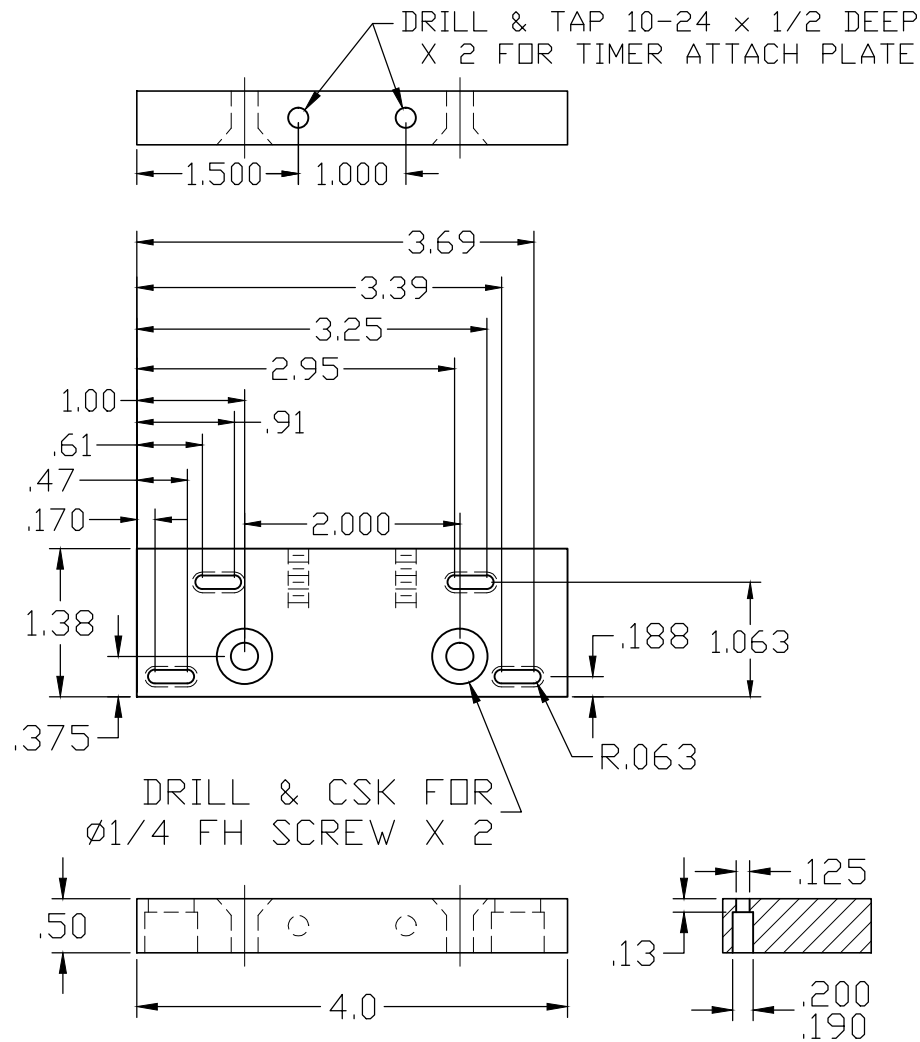
RING GROOVE $\phi .468 \times .040$ WIDE X 2



SHAFT
BLACK OXIDE

RED BARN MACHINE		
TITLE ONE-WAY LOCK FIXTURE		
DWG NO. 369TF870101-13 & -15	REV 1A	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY: COLE
TOLERANCES ON:		APPROVED
DECIMALS		HEAT TREAT
.XXX $\pm .005$	FRACTIONS $\pm 1/32$	FINISH SEE PART
XX $\pm .01$	ANGLES $\pm 5^\circ$	USED ON MODEL
X $\pm .1$		MD-500
UNLESS OTHERWISE SPECIFIED		PART #369A7010-501
1. BREAK ALL SHARP EDGES		
.015 x 45° PR .015 R		
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		
SCALE NTS	DATE 4-2-02	SHEET 6 of 8

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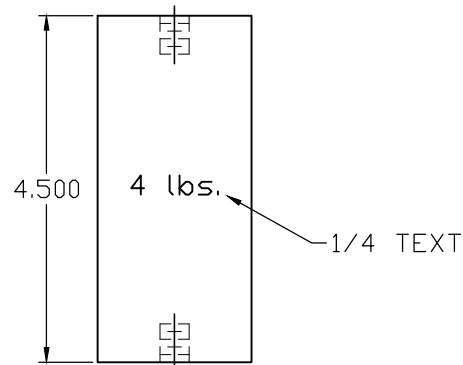
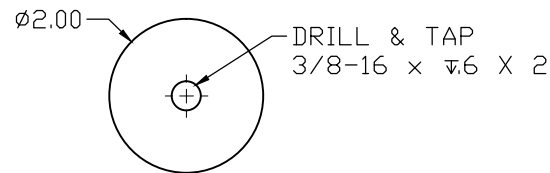
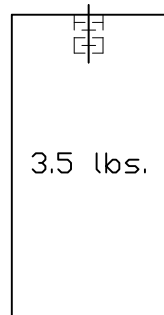
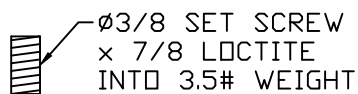
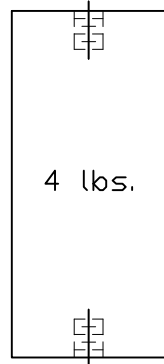
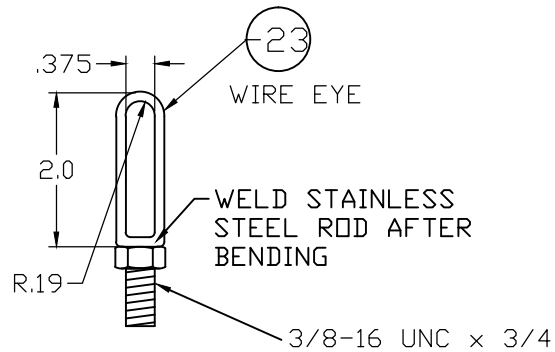
(-17)

SWITCH BAR

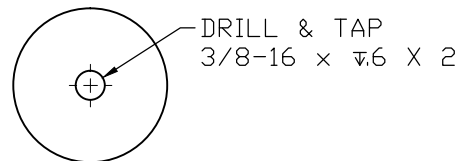
RED BARN MACHINE		
TITLE ONE-WAY LOCK FIXTURE		
DWG NO. 369TF870101-17	REV 1A	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY: COLE
TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 X ± .1		APPROVED
FRACTIONS ± 1/32 ANGLES ± 5°		HEAT TREAT FINISH ANODIZE BLACK SPEC
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		USED ON MODEL MD-500
SCALE NTS		DATE 4-2-02
SHEET 7 of 8		PART #369A7010-501

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REVISIONS				
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1A	ADDED P/N -23 TO BOM AND ADDED DIMENSIONS TO P/N -23.	10/14/09	RJC	

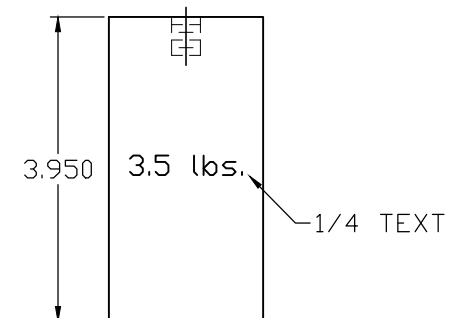
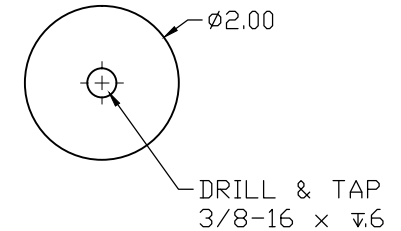


FINISHED WEIGHT MUST BE 4#



-19

WEIGHT #4



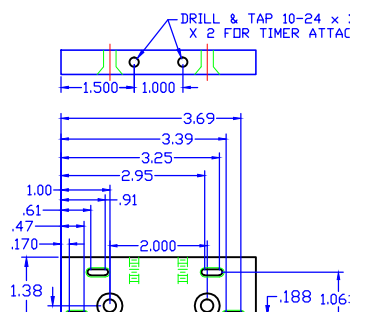
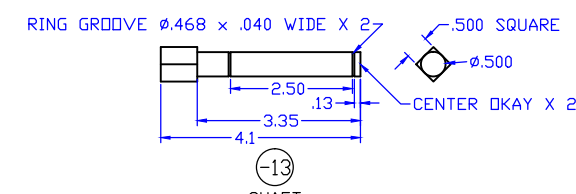
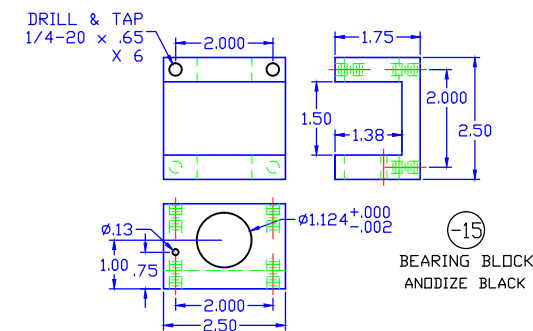
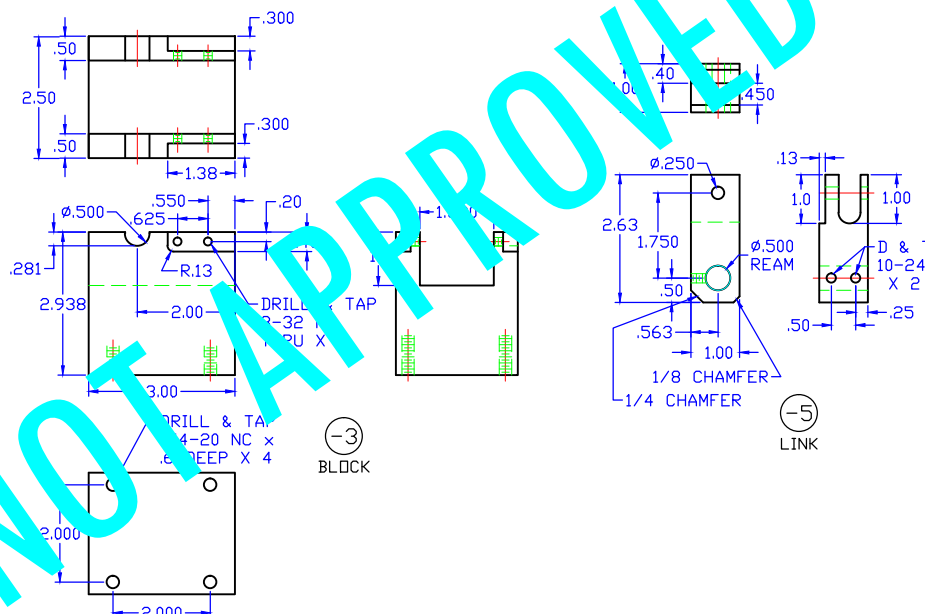
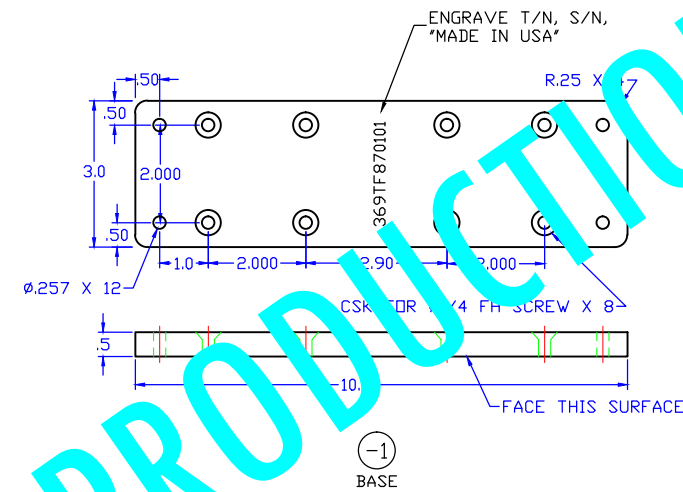
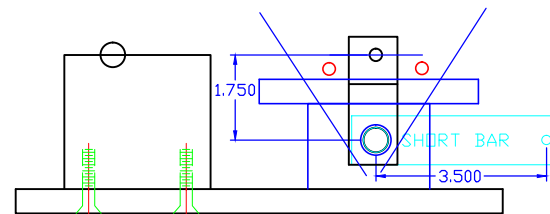
FINISHED WEIGHT MUST BE 3.5#

-21

WEIGHT #3.5

RED BARN MACHINE	
TITLE ONE-WAY LOCK FIXTURE	
DWG NO. 369TF870101-WEIGHTS	REV 1A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY: COLE
TOLERANCES ON: DECIMALS .XXX ± .005 XX ± .01 X ± .1	APPROVED
FRACTIONS ± 1/32 ANGLES ± 5°	HEAT TREAT FINISH SPEC BLACK OXIDE
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL MD-500
SCALE NTS	DATE 4-2-02
SHEET 8 of 8	

Diagram illustrating a long bar with dimensions 17,500 and 18,250, and a circled -9 below it.



PART #	QTY	DESCRIPTION
-9	1	LONG ARM - OPTIONAL - NOT INCLUDED
-11	1	SWITCH HOLDER - 6061 1 x 1 x 1 1/2
-13	1	SHAFT - STEEL Ø3/4 x 4

DRAWN BY:	COLE
CHECKED	
HEAT TREAT FINISH SPEC	ANODIZE
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES UN:	
DECIMAL	
.XXX ± .010	FRACTIONS ± 1/3
.XX ± .03	ANGLES ± 5°
.X ± .05	
UNLESS OTHERWISE SPECIFIED	
1. BREAK ALL SHARP EDGES	
2 DIMENSIONAL MOUNTING STEP PLATING	

 RED BARN MACHINE			
TITLE ONE-WAY LOCK FIXTURE			
DWG NO. PART #			REV.
SCALE NTS	DATE 2-4-02	SHEET 1 of 1	